# N N Negative Positive

HHA to Come to Room Temperature

Sample

# **Hand Held Assay**



Sponsored by:

Program Executive Office for Chemical and Biological Defense

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Backing

Release

# Critical Reagents Program (CRP)

### Established in FY97

High quality reagents form the cornerstone of biological detection platforms. The Critical Reagents Program (CRP) is committed to the development, large-scale production, and integration of the highest quality reagents for the Department of Defense. These products comprise a key element of biological warfare (BW) agent detection, identification, confirmation and characterization. **Critical Reagents Program products** antibodies, antigens, such Polymerase Chain Reaction assays, hand held assays, and sampling kits are crucial to the mission of all current and future BW agent detection and medical diagnostic systems. As a supporting program of all Biological Defense systems and a provider of stand-alone detection products, the **Critical Reagent Program supports the** warfighter, the Homeland Defense effort, and the nation and is an integral provider of the highest quality biological defense components.



## The HHA

- Identifies BW agents in Suspect Samples
- Biological Reconnaissance/Survey Capability
- Quick Initial DoD 1st Responders Tool
- Screen Suspect Packages, Munitions, Surfaces
- Same Format as Home Pregnancy Test
- Antibody Based
- Highly Specific for Each Target Agent
- Shelf Life
  - > 2 Years at 4°C (Refrigerated)
  - > 6 Weeks Unrefrigerated
- Simple Single Step Operation
- Fast Develops in 15 Minutes
- Reliable
  - Rigorous QA/QC Testing
  - < 0.01% False Alarm Rate during Operation Noble Eagle and Operation Enduring Freedom

- Inexpensive
- Disposable Single Use
- Not for Diagnostic Use/Never Used as Sole Basis for Identification
- The DoD Biological Sampling Kit Consist of:
  - Panel of Up to 8 HHAs
  - Dropper Bottle of Buffer Solution
  - Sterile, Cotton-Tipped Swabs
  - Laminated Instruction Card That Can be Used to Measure Sample Area 10x10 cm Cut-Out
- Comprehensive, Interactive
  Training CD-ROM is available upon request

# How to get it

- Assays are available for Federal Agencies through the Army Supply Requisition Systems (Rock Island Army Arsenal)
- DOD Sampling Kit, Operational"Top 8" AgentsNSN 6665-01-494-8725
- DOD Sampling Kit, Training,
  7 Negative/ 1 Positive Position
  NSN 6665-01-497-7811,
- Both Kits are \$59.39
- Item Manager at Rock Island:
  Brenda Hanes DSN: 793-6023
  Comm: (309) 782-6023

Email: hanesb@ria.army.mil